

FIG. 1

PRIOR ART

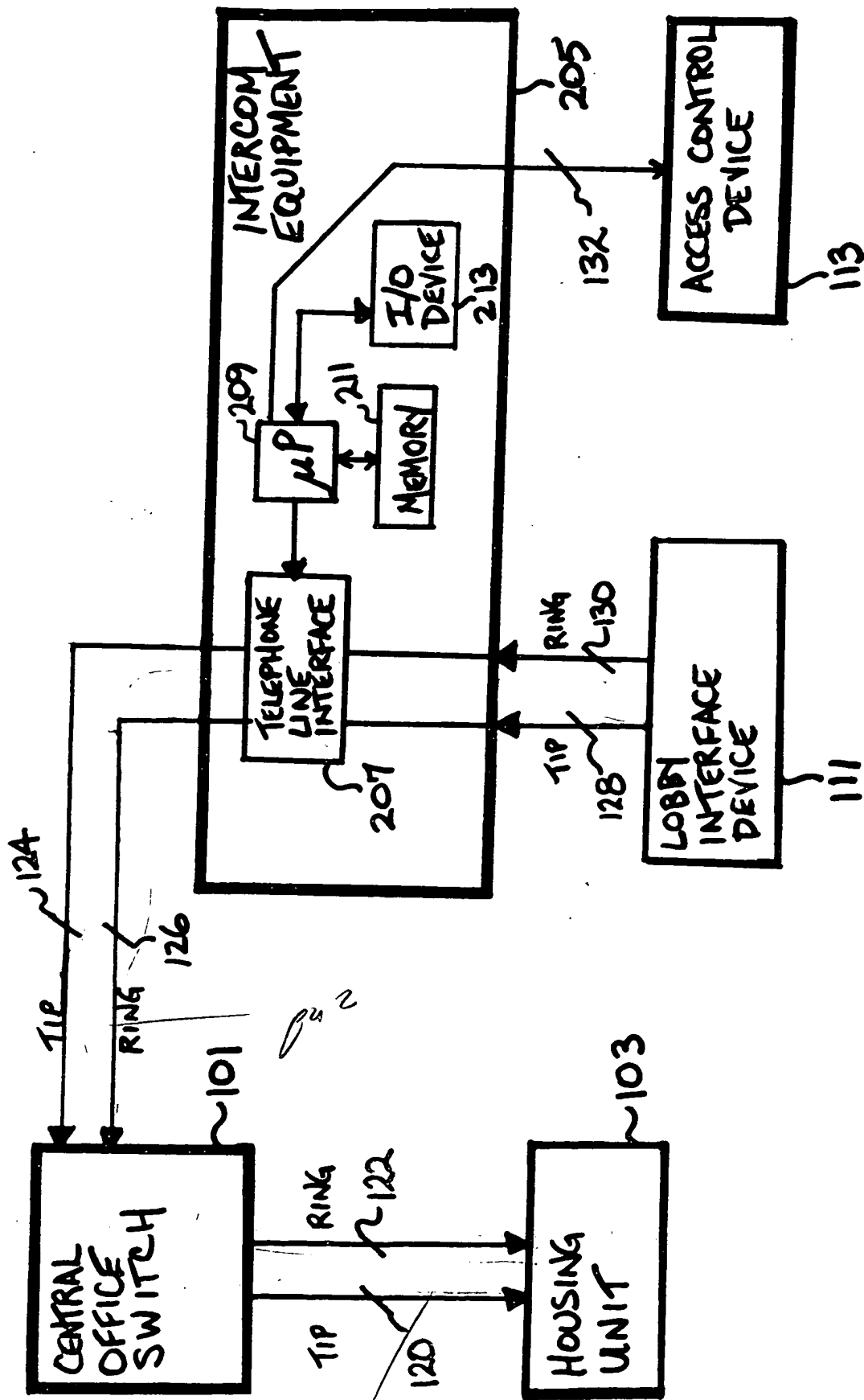


FIG. 2

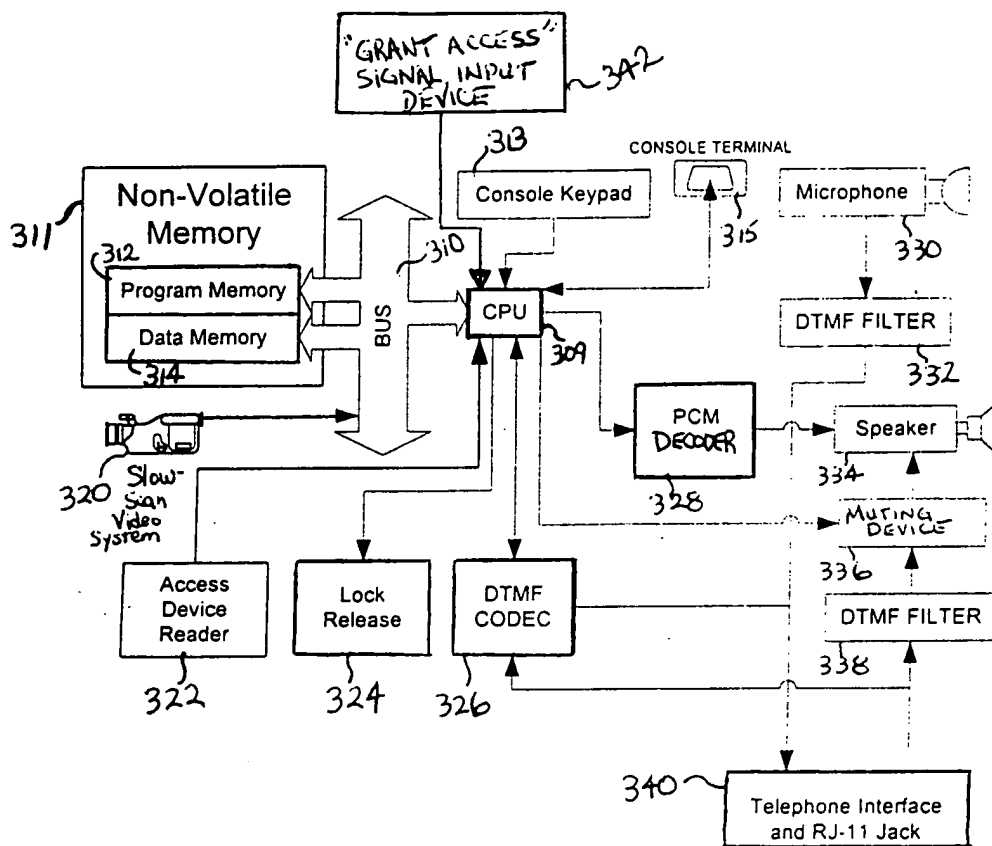


FIG. 3

VISITOR PRESSES ONE OR MORE KEYS ON THE CONSOLE KEYPAD TO NOTIFY A SELECTED OCCUPANT PREMISES OF THE VISITOR'S PRESENCE

461

NO

SEND ERROR
MESSAGE TO
SPEAKER

CPU SIGNALS DTMF
CODEC TO DIAL
TELEPHONE NUMBER
SPECIFIED BY THE RETRIEVED
DATABASE ENTRY

DTMF CODER PLACES
TELEPHONE CALL OVER
DEDICATED ANSWERING
SERVICE TELEPHONE LINE
TO CENTRAL SWITCHING
OFFICE

↓
A TO FIG. 48
BLOCK 411

A

FROM FIG. 4A
BLOCK 4

411

CENTRAL SWITCHING OFFICE
RECEIVES CALL FROM DTMF
CODEC AND USES ANI (AUTOMATIC
NUMBER IDENTIFIER) OF
RECEIVED CALL TO PLACE AN
OUTGOING CALL TO THE OCCUPANT
PREMISES, OPTIONALLY USING CALL
WAITING AND/OR IDENT-A-RING
(DISTINCTIVE RINGING) FEATURES

413

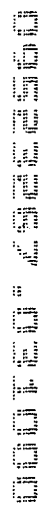
AN INDIVIDUAL AT THE OCCUPANT
PREMISES ANSWERS CALL PLACED BY
CENTRAL SWITCHING OFFICE AND
CAN COMMUNICATE WITH THE VISITOR
VIA THE SPEAKER AND/OR MICROPHONE

B

TO FIG. 4C
BLOCK 415

FIG. 4B

000000-000000



YES
↓
C TO FIG. 4D
BLOCK 421

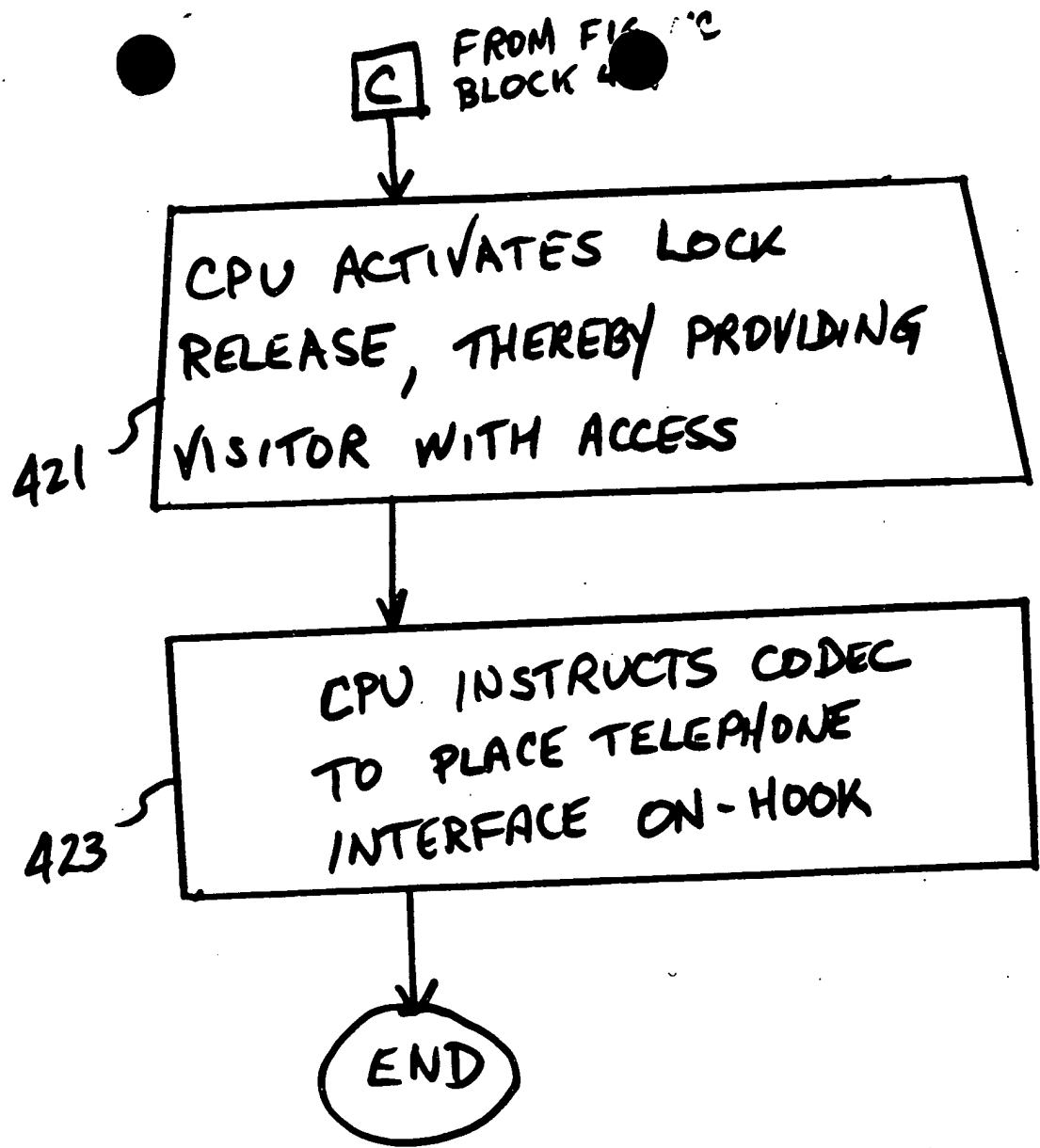


FIG. 4D

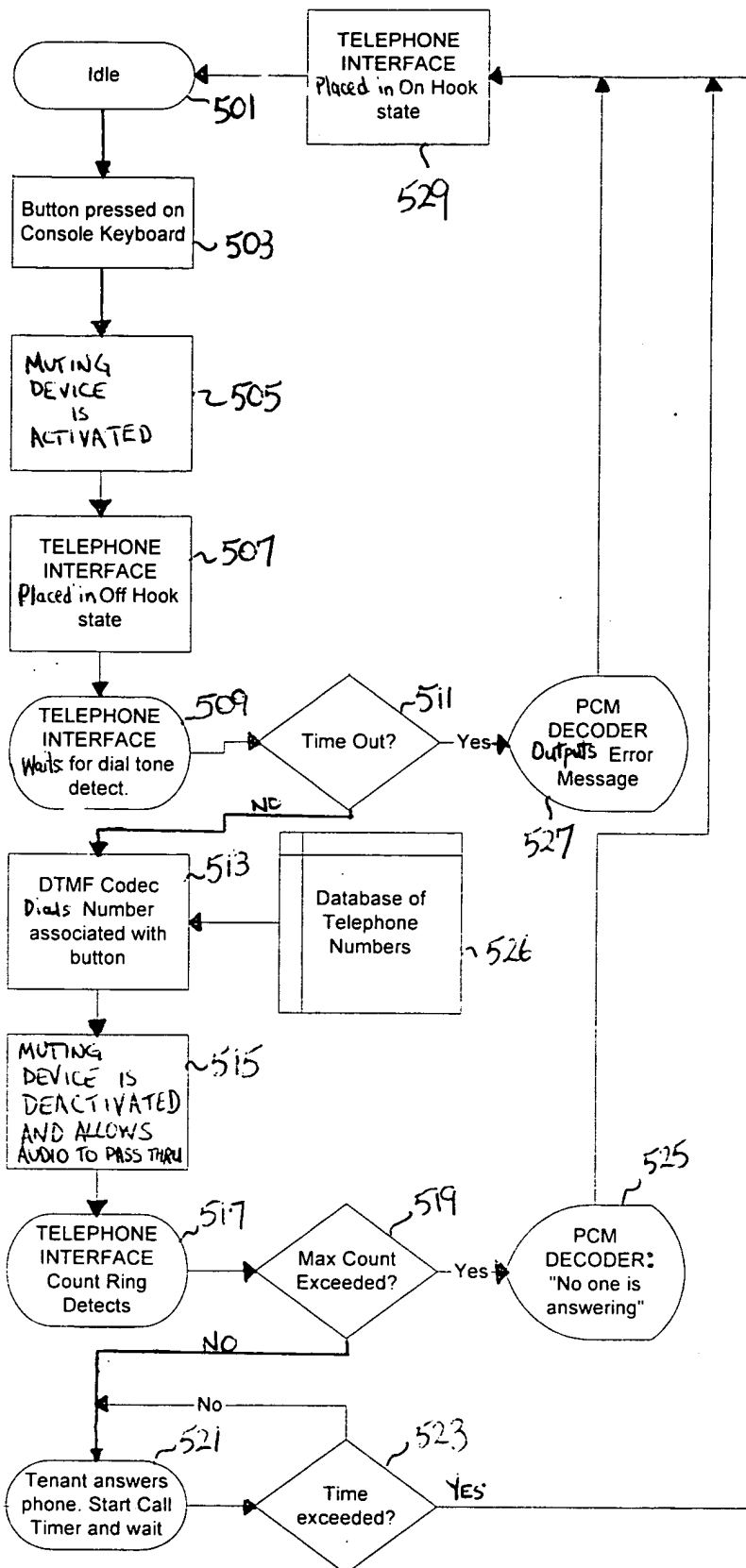


FIG. 5

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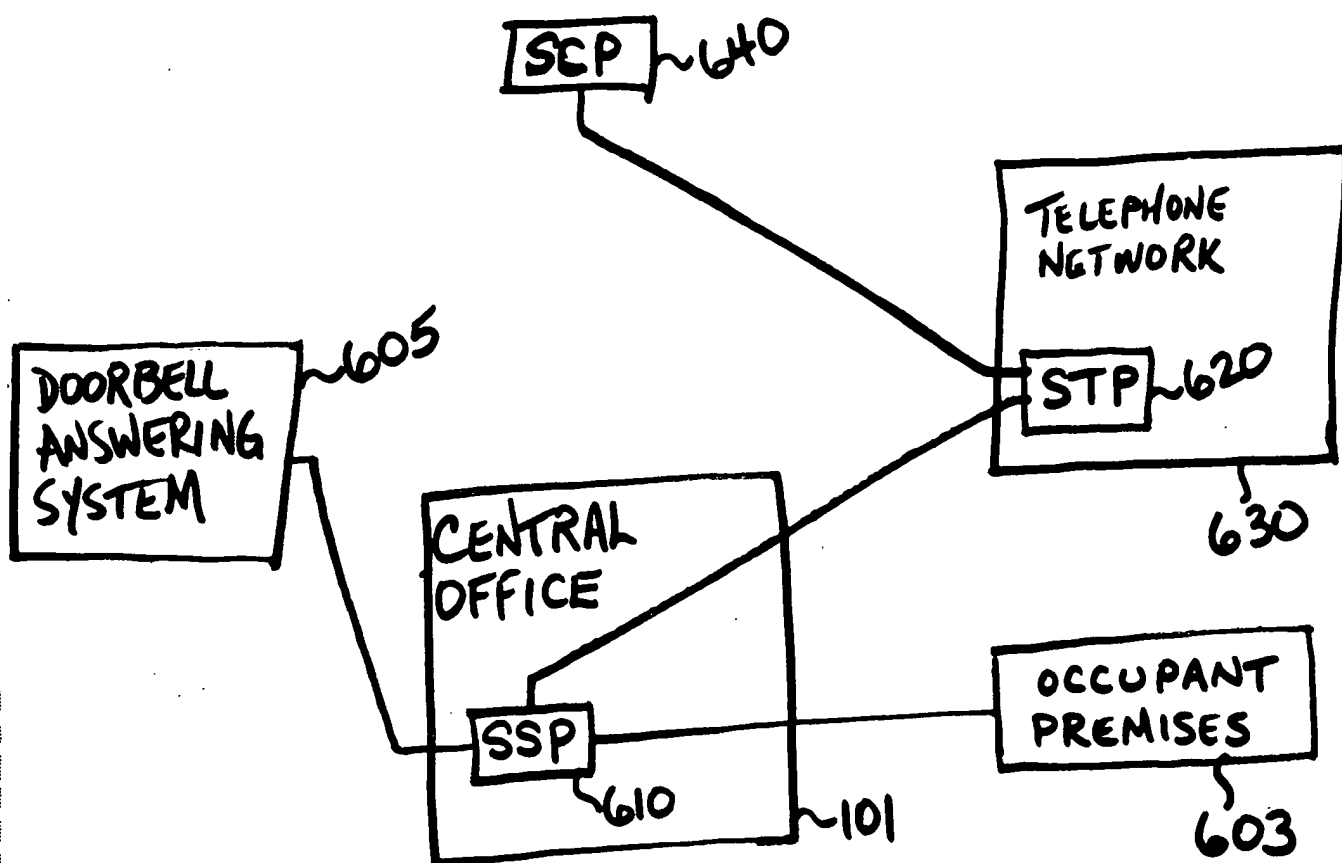


FIG. 6

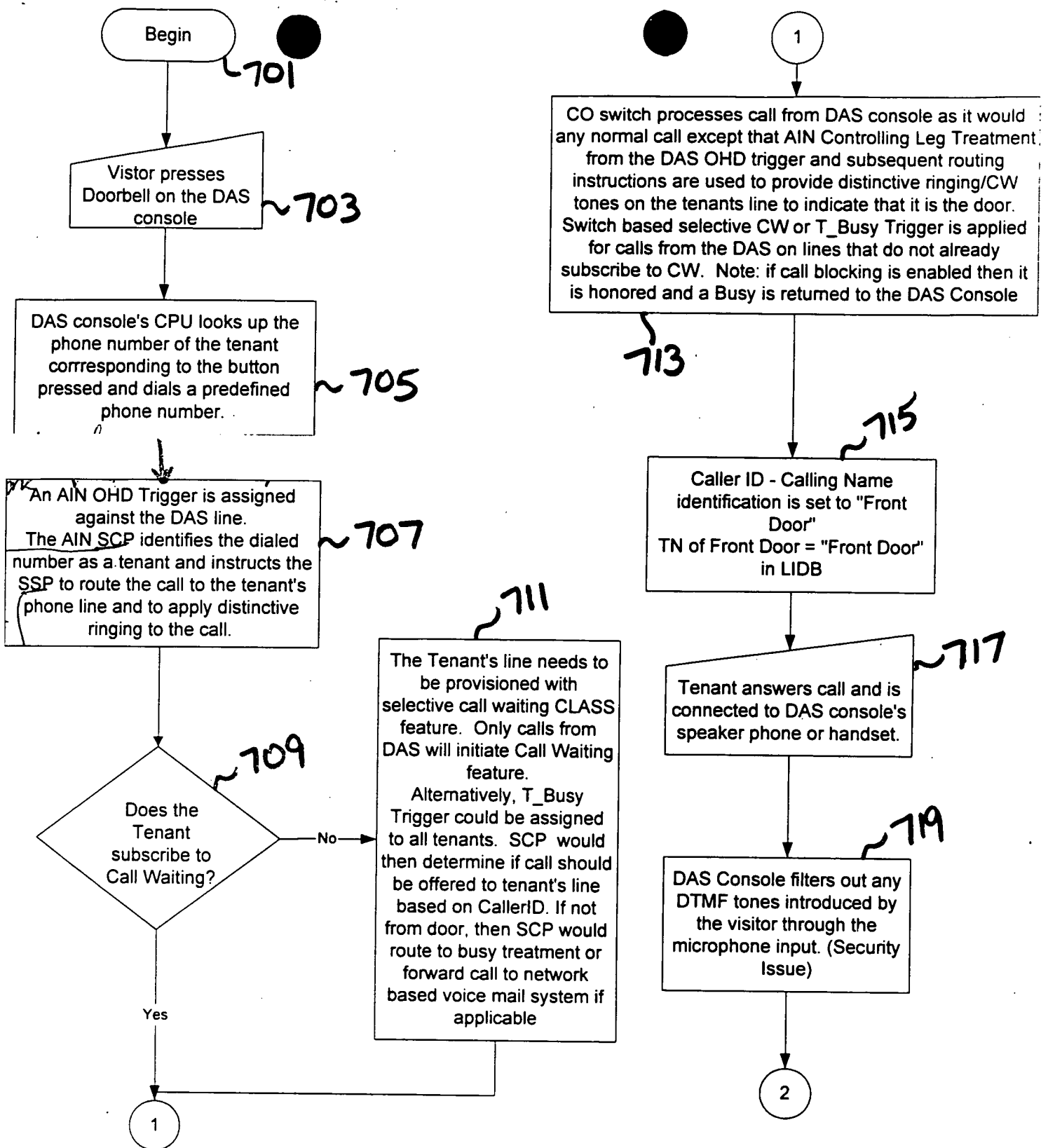


FIG. 7A

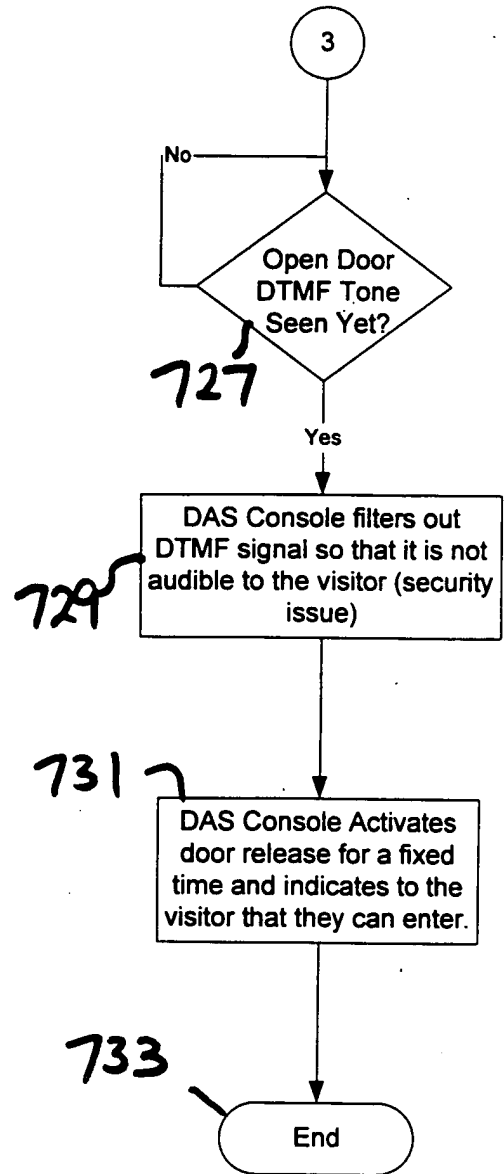
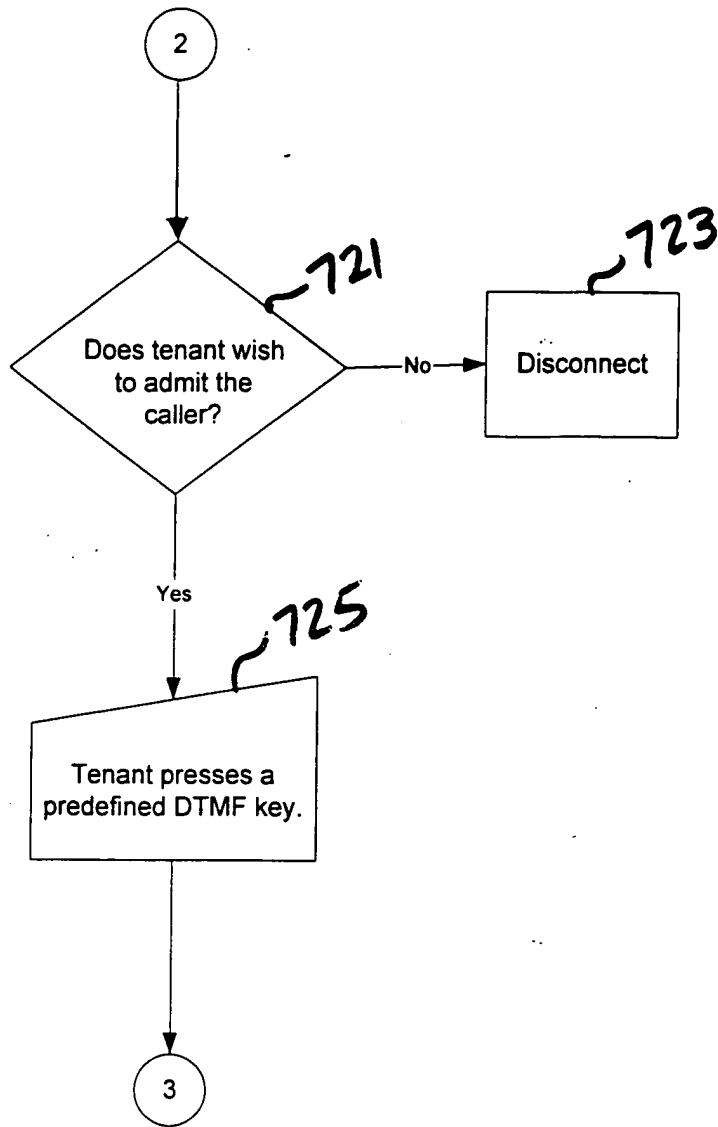


FIG. 7B